



School

County Borough of Southport

**EDUCATION COMMITTEE.**

---

FIFTEENTH ANNUAL REPORT

ON THE

# Medical Inspection of School Children

FOR THE YEAR 1923,

BY

G. C. BARNES, D.P.H.,

School Medical Officer.

---

SOUTHPORT :

J. J. RILEY, PRINTER, "GUARDIAN" OFFICE, 267 LORD STREET.

1924.



Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30120238>

## INDEX.

---

	PAGE
Staff .....	4
Children Act Inspections .....	19
Clinics, The Work of the School .....	15-18
Defective and Epileptic Children .....	21, 35, 37
Defective Eyesight .....	6, 15, 39
Dental Treatment .....	Facing 16, 29, 38
Feeding of Necessitous Children .....	23, 24
Heads, Condition of .....	9, 19
Height and Weight Tables .....	12, 25
Infectious Disease .....	20, 21
Medical Inspection .....	8-14, 25-27
Miscellaneous.....	22, 23, 30
Nurses' Visits .....	19
School Buildings .....	5, 6
Secondary Schools .....	25-29
Tonsils and Adenoids .....	9, 16, 40
Tuberculous Glands.....	6, 7
Vaccination .....	8
Board of Education Tables—	
(i.) Number of Children Inspected .....	31
(ii.) Return of Defects found in the course of Medical Inspection .....	32-34
(iii.) Numerical Return of all Exceptional Children in the Area .....	35-37
(iv.) Treatment of Defects of Children—	
(i) Minor Ailments .....	38
(ii) Visual Defects .....	39
(iii) Nose and Throat Defects, Treatment of .....	40
(iv) Dental Defects .....	41

## S T A F F .

Medical Officer .....	G. C. BARNES, D.P.H.
Assistant Medical Officer .....	W. E. FITZGERALD, D.P.H.
Dentist .....	J. H. HIGHTON, I.D.S.
Health Visitor .....	V. M. WILLDER, C.M.B., R.S.I., Trained Nurse.
Assistant Health Visitor .....	A. BULLEN, R.S.I., C.M.B.
Do. ....	F. FORBES, Trained Nurse.
Do. ....	E. A. PALMER, C.M.B., R.S.I., Trained Nurse.
Do. ....	M. LEWIS, R.S.I., C.M.B., Trained Nurse.
Do. ....	M. RITSON, R.S.I., C.M.B., Trained Nurse.
Co. ....	E. DEARDEN.
Dentist's Attendant .....	H. RIMMER.
<hr/>	
Ear, Nose, & Throat Surgeon .....	COURTENAY YORKE, M.D., F.R.C.S. (Eng.) (Hon. Surgeon to Liverpool Stanley Hospital).
Radiologist .....	W. C. ORAM, M.D., D.P.H. (Hon. Radiol. and Hon. Dermat., Liverpool Stanley Hospital).
Dermatologist .....	H. BARDSLEY, M.R.C.S., L.R.C.P. (Dermatologist, Southport Infir- mary).
<hr/>	
Clerks .....	I. LUND, and D. ILLINGWORTH.



## To the Chairman and Members of the Education Committee.

---

I have pleasure in presenting my Report for the year 1923.

The work of the Department has been efficiently carried out.

I consider that the following points should be emphasised.

A larger number of children have been examined at the routine inspection than last year.

### SCHOOL BUILDINGS.

Detailed reports on each school are in process of preparation, but owing to the small time available for this work, it has been possible so far to report on five schools only. It is intended to deal with the remainder during the current year.

By an arrangement made with the Education Department and following a resolution of the Committee, each member of the Committee should now have in possession a copy of each of four reports with plans of the following schools :—Birkdale Council, S.S. Simon & Jude's, St. Marie's, and St. Luke's.

These reports are simply of the nature of statement and criticism of the hygienic conditions of the buildings under existing circumstances, and are designed to put the Committee "au fait" with the state of affairs. In no case has it been possible to give a report which recorded that the conditions at the school concerned were satisfactory.

It is trusted that the reports will be carefully perused by members of the Committee, for they give not only a true perspective of the conditions, but afford an opportunity of realising the most essential points of school construction from a public-health standpoint. This should be useful when plans of new school buildings are being undertaken.

I would suggest also that those members who are interested should visit each school with the report in hand and see the facts for themselves. Any assistance which can be given in this office, by way of explaining the reports or otherwise, will be gladly rendered.

Epidemics of infectious disease cannot be controlled until properly ventilated and lighted school buildings are provided. Efficient cross-ventilation is a "sine qua non"; and all the elaborate, showy, and ornamental details which aspiring architects will advocate must be subservient to certain fundamental principles, in the absence of which the efficient education of the child and its general well being can never be promoted.

In a good building the scholar can be taught to realise the significance of every part of the structure of his school which is part of his environment and therefore of his education.

One resolution of the Education Committee must certainly be specially noticed:—That all plans of school buildings to be built by the Authority must be submitted to this office; this is so obviously sound and business-like that comment is needless. Our object is, if possible, to eliminate the necessity for adverse criticism and expensive alteration after the school has been built.

### EYE CLINIC.

It has been found necessary to devote two afternoons a week to this clinic instead of one. This is accounted for by the fact that the procedure has been altered to some extent, and a child now appears at the clinic three times before glasses are prescribed. At the first visit the eyesight is examined with the test types, and if necessary a mydriatic (atropine) is prescribed for the following week. On the second visit the refraction is done and the vision tested with lenses, while the eye is under atropine; and finally a fortnight later the eyesight is tested with trial lenses and the child then leaves with the appropriate prescription.

I believe that this procedure, although lengthy, is calculated to give more accurate results than a single examination.

During the year three cases of Progressive Myopia were discovered, and after the provision of suitable glasses instructions were sent to the school that the child should not be required to do any work involving a strain on the sight, e.g., sewing, reading small type, etc. In such cases the child is re-examined at the clinic every six months.

### TUBERCULOUS GLANDS.

A method of treatment with Tuberculin ointment has been carried on for the last six months.



In all eight children have been treated for periods of from three to six months. In some of these cases there was marked enlargement of the glands and the result of treatment has been a decrease in size and where the glands were matted together they have become smaller and more discrete. The progress is slow and the treatment evidently required to be continued over a long time. The general condition has improved in every case, except one, in this case the child continued to have smart systemic reactions after each treatment, and the inunction was stopped for this reason. The results in some cases have been excellent, and probably have obviated the necessity of surgical treatment.

There have been marked local reactions after the Inunction. The ointment is used in 10% and 25% strengths of Old Tuberculin in Lanolin. It is measured by filling a hypodermic syringe and expressing amounts equal to 0.1 to 0.25 c.c. This method has been found satisfactory and although not absolutely accurate it serves as a rough guide to the amount used.

The commencing strength of 10% with a quantity of 0.25 c.c. is used as an initial dose. A mild local reaction is aimed at. In some cases a definite systemic reaction has been noticed as shown by a rise of temperature and, in some, a focal reaction evidenced by a mild periadenitis of the affected glands.

This treatment has its possibilities, but a choice of case is essential, and so far it has been the rule to treat in this way only such cases as show no signs of "softening." In a case where treatment was given for six weeks and discontinued on account of admission of the child to the Infectious Diseases Hospital suffering from Diphtheria, the gland finally suppurated and was opened. In no other case have the glands increased or shown signs of suppuration.

In all these cases dental caries has been excluded as the cause of the adenitis.

It is recognised that the numbers dealt with are too small to give a convincing argument in favour of this treatment, but in view of the satisfactory results so far obtained here and elsewhere by this method, we feel justified in continuing it further.

#### PRESENCE OF PARENTS.

It is noted with satisfaction that an increasing number of parents attend the routine medical inspection at the schools. This shows an appreciation of the endeavours made to give the parent a considered opinion on the condition of the child.

G. C. BARNES,

SCHOOL MEDICAL OFFICER.

## GENERAL REVIEW OF THE FACTS DISCLOSED BY THE ROUTINE MEDICAL INSPECTION.

### PROPORTION OF CHILDREN ACTUALLY INSPECTED.

Out of 2,704 children placed on the list for inspection, 93.6 per cent. were inspected; 1.1 per cent. of parents declined to have their children inspected; 33.0 per cent. of the parents attended the inspection of their children.

### PREVIOUS DISEASE.

The common febrile disorders of childhood had affected the children according to the following percentages :—Measles, 70.0 per cent., Whooping Cough, 35.7 per cent.; Chicken Pox, 24.1 per cent.; Scarlet Fever, 6.3 per cent.; Diphtheria, 2.4 per cent.; Mumps, 0.6 per cent; Other Serious Disease, 3.0 per cent.

### VACCINATION.

60.2 per cent. were unvaccinated, the greater part of the deficiency occurring amongst the infants. In addition, 0.5 per cent., though said to have been vaccinated, had no cicatrices.

Percentage of Infants (under 6 years of age) found unvaccinated  
during the last Eleven years.

		Boys.		Girls.
1913	.....	44.0	.....	45.4
1914	.....	50.8	.....	55.7
1915	.....	53.6	.....	49.6
1916	.....	55.6	.....	50.4
1917	.....	60.2	.....	57.5
1918	.....	63.4	.....	63.6
1919	.....	68.8	.....	67.1
1920	.....	68.5	.....	66.7
1921	.....	73.0	.....	68.4
1922	.....	69.0	.....	73.6
1923	.....	69.3	.....	68.0



## CLEANLINESS—STATE OF HAIR.

There were 401 cases of nits in the hair (15.9 per cent.), including 6.3 per cent. of the boys and 27.2 per cent. of the girls.

The following Table shows the percentage of girls found at the Routine Inspection with nits in the hair, during the past five years :—

### NITS IN THE HAIR (GIRLS ONLY).

#### INSPECTIONS UNDER EDUCATION (Ad. Prov.) ACT, 1907.

School.	1919		1920		1921		1922		1923	
	Girls.	Infts.	Girls.	Infts.	Girls.	Infts.	Girls.	Infts.	Girls.	Infts.
	%	%	%	%	%	%	%	%	%	%
Ainsdale C.E. ....	80.0	25.0...	50.0	75.0...	46.2	— ...	22.2	20.0...	38.5	—
Ainsdale R.C. ....	55.6	100.0...	—	33.3...	—	— ...	50.0	— ...	28.6	—
All Saints' C.E. ....	39.4	16.7...	65.9	27.3...	30.3	25.0...	63.4	— ...	21.9	29.4
Birkdale C.E. ....	65.6	26.3...	53.6	48.4...	53.6	31.6...	28.6	38.5...	24.2	15.8
Birkdale Council ....	69.4	59.2...	50.6	38.1...	50.5	27.3...	31.2	33.3...	41.4	27.1
Blowick C.E. ....	60.4	28.0...	28.3	33.3...	51.0	28.6...	46.2	22.0...	41.4	19.2
Churchtown Council ...	63.6	26.9...	37.3	9.1...	26.1	28.0...	34.1	13.3...	11.3	16.1
Crossens C.E. ....	25.9	26.7...	7.5	8.3...	27.8	53.3...	27.0	25.0...	20.0	11.1
Dean Cooke Mem. R.C.	46.2	18.2...	38.5	50.0...	50.0	55.6...	25.0	25.0...	10.5	40.0
Emmanuel C.E. ....	—	21.7...	—	10.5...	—	9.7...	—	15.4...	—	4.8
Holy Trinity C.E. ...	36.3	43.5...	29.4	35.7...	47.8	23.5...	37.0	51.3...	23.8	29.2
Linaker Street Council	58.6	52.5...	33.3	34.0...	52.4	44.1...	20.7	43.1...	41.5	32.2
St. Luke's C.E. ....	—	40.5...	—	27.8...	—	30.4...	—	24.1...	—	13.6
St. Marie's R.C. ....	56.0	45.5...	50.0	29.4...	62.5	42.9...	60.0	50.0...	23.8	10.0
St. Philip's C.E. ....	27.3	8.3...	15.3	11.1...	19.6	31.6...	31.4	15.4...	17.5	—
SS. Simon & Jude's C.E.	52.1	45.6...	37.5	32.7...	43.0	23.9...	28.9	18.2...	30.9	17.4
St. Teresa's R.C. ....	81.6	69.7...	58.9	60.0...	42.0	24.0...	27.0	35.7...	46.3	56.3
Total.....	54.9	43.2...	37.5	33.2...	43.7	29.3...	33.3	30.2...	30.6	21.7

## CARIOUS TEETH.

35.6 per cent. of the children have one or more carious teeth. At leaving the percentage is 29.0. This demonstrates that the work of the Dentist is largely effecting its object, and it is intended to improve on these satisfactory figures.

## ENLARGED TONSILS AND ADENOIDS.

12.3 per cent. of the children were affected, and of these 105 (4.2 per cent.) were cases requiring removal.

## ENLARGED GLANDS IN THE NECK.

14.3 per cent. ; only a small proportion would be tubercular.

## EXTERNAL EYE DISEASE.

2.2 per cent. (Squint 1.0 per cent.).

## DEFECTIVE VISION.

163 children (6.4 per cent.) failed to read  $\frac{6}{9}$   $\frac{6}{9}$  with each eye, and all these are classified as defective.

## EAR DISEASE.

Otorrhœa, 1.2 per cent.

## DEAFNESS.

295=11.7 per cent. ; mostly due to wax.

## CARDIAC DISEASE.

21=0.8 per cent.

## LUNG DISEASE.

Two cases of Asthma, fifty-seven cases of Bronchial Catarrh and five cases of Bronchitis were met with. No diagnosis of Pulmonary Tuberculosis was made at the routine medical inspection, but a small number of children who were considered "suspects" were referred to the clinic for further investigation.

## NERVOUS DISEASE.

5=0.2 per cent.

## TUBERCULOSIS.

One case of "old" Tubercular Hip.

## RICKETS.

18=0.7 per cent. (Mostly very slight). The local stock is decidedly resistive to Rickets ; severe cases only occur in imported children or children of imported parents.

NUMBER OF CHILDREN REFERRED FOR SUBSEQUENT OR  
FURTHER EXAMINATION.

Cardiac Disease.....	21	Nits .....	401
Deformities ,.....	6	Otorrhœa .....	30
External Eye Disease ...	54	Teeth, defective .....	901
Hearing, Defective .....	295	Tonsils & Adenoids, enlar..	105
Lung Disease.....	64	Vision, defective .....	163
Nervous Disease .....	3	Other Disease or Defect ...	150
			<hr/>
			2193

Two or more defects are frequently present in the same child.

NUMBER OF CHILDREN IN RESPECT OF WHOM DIRECTIONS  
WERE GIVEN FOR TREATMENT OF DEFECTS (AT THE  
ROUTINE INSPECTION) :—

Anaemia .....	17
Asthma .....	2
Bronehial Catarrh .....	31
Bronchitis .....	1
Chieken Pox .....	1
Constipation .....	4
Enuresis .....	1
Flat-chest .....	1
Habit Spasm .....	1
Impetigo .....	2
Incontinence of urine .....	1
Megrim .....	2
Parasitie Diseases .....	3
Pharyngitis .....	2
Rash (sweat) .....	1
Rheumatism .....	3
Septie Sores .....	1
Stomatitis .....	2
Thyroid, enlarged .....	1
Tonsillitis .....	1

---

78

(Directions also given to numerous eases of Nits).



TABLE A.—ELEMENTARY SCHOOLS, SOUTHPORT.

Average Heights and Weights.

(Age last Birthday.)

BOYS						
No.	Age last Birthday.		Ft. Ins.		St. Lbs.	
48	...	3	...	3—1.8	...	2—6.9
75	...	4	...	3—4.1	...	2—10.5
131	...	5	...	3—6.7	...	2—13.8
80	...	6	...	3—8.9	...	3—3.3
174	...	7	...	3—11.3	...	3—8.5
190	...	8	...	3—10.9	...	3—10.2
22	...	9	...	4—3.1	...	4—5.6
30	...	10	...	4—5.2	...	4—11.5
173	...	11	...	4—6.4	...	5—1.4
193	...	12	...	4—8.1	...	5—5.6
186	...	13	...	4—9.8	...	5—13.3
53	...	14	...	5—1.1	...	6—13.8
15	...	15	...	5—2.6	...	7—5.9
1	...	16	...	5—9.0	...	9—5.5
<hr/> 1371 <hr/>						

GIRLS.						
No.	Age last Birthday.		Ft. Ins.		St. Lbs.	
41	...	3	...	3—1.2	...	2—5.8
62	...	4	...	3—3.8	...	2—8.8
138	...	5	...	3—6.5	...	2—12.6
90	...	6	...	3—8.5	...	3—2.1
144	...	7	...	3—10.8	...	3—6.4
192	...	8	...	3—11.8	...	3—9.4
26	...	9	...	4—2.0	...	4—0.4
30	...	10	...	4—4.7	...	4—7.1
150	...	11	...	4—6.7	...	5—0.9
201	...	12	...	4—8.5	...	5—5.0
75	...	13	...	4—10.6	...	6—1.5
10	...	14	...	5—0.1	...	6—8.8
<hr/> 1159 <hr/>						

DR. TUXFORD AND DR. ASHLEIGH CLEGG'S TABLE OF  
ENGLISH ELEMENTARY SCHOOL CHILDREN.

BOYS.						
No.	Age last Birthday.		Ft. Ins.		St. Lbs.	
9388	...	3	...	3—0.4	...	2—4.8
24047	...	4	...	3—2.7	...	2—7.9
65438	...	5	...	3—4.5	...	2—10.7
20554	...	6	...	3—6.5	...	3—0.6
37515	...	7	...	3—9.2	...	3—4.7
9684	...	8	...	3—11.0	...	3—8.4
7873	...	9	...	4—1.1	...	3—13.4
21579	...	10	...	4—2.9	...	4—4.4
5084	...	11	...	4—4.8	...	4—5.6
37230	...	12	...	4—7.0	...	5—2.9
52232	...	13	...	4—8.1	...	5—7.5
4342	...	14	...	4—9.9	...	6—0.1

GIRLS.						
No.	Age last Birthday.		Ft. Ins.		St. Lbs.	
8478	...	3	...	3—0.1	...	2—3.8
21362	...	4	...	3—2.6	...	2—6.9
63827	...	5	...	3—4.4	...	2—9.6
21238	...	6	...	3—6.4	...	2—13.0
36477	...	7	...	3—8.8	...	3—3.2
10214	...	8	...	3—10.3	...	3—6.9
8138	...	9	...	4—0.7	...	3—12.6
21017	...	10	...	4—3.1	...	4—2.9
5129	...	11	...	4—4.5	...	4—9.9
36577	...	12	...	4—6.6	...	5—3.9
50717	...	13	...	4—8.8	...	5—10.1
3702	...	14	...	4—10.7	...	6—3.7



**TABLE B. ELEMENTARY SCHOOLS. (SEPARATE AGES.)**

	BOYS.								GIRLS.								GRAND TOTAL.	
	Leavers.		Intermediates.		Entrants.		Total.		Leavers.		Intermediates.		Entrants.		Total.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Number Listed for Inspection .....	646	—	521	—	295	—	1462	—	467	—	503	—	272	—	1242	—	2704	—
Number Actually Inspected .....	621	96.1	496	95.2	254	86.1	1371	93.8	436	93.4	482	95.8	241	88.6	1159	93.3	2530	93.6
Parent Present .....	44	7.1	217	43.8	126	49.6	387	28.2	91	20.9	219	45.4	137	56.8	447	38.6	834	33.0
Parent Refused Inspection.....	4	0.6	7	1.3	7	2.4	18	1.2	4	0.9	5	1.0	2	0.7	11	0.9	29	1.1
Had Measles .....	437	70.4	350	70.6	143	56.3	930	67.8	332	76.1	369	76.6	141	58.5	842	72.6	1772	70.0
„ Whooping Cough .....	219	35.3	198	39.9	49	19.3	466	34.0	185	42.4	185	38.4	67	27.8	437	37.7	903	35.7
„ Chicken Pox .....	152	24.5	135	27.2	18	7.1	305	22.2	141	32.3	136	28.2	27	11.2	304	26.2	609	24.1
„ Scarlet Fever .....	50	8.1	32	6.5	4	1.6	86	6.3	49	11.2	21	4.4	4	1.7	74	6.4	160	6.3
„ Diphtheria .....	18	2.9	11	2.2	2	0.8	31	2.3	19	4.4	10	2.1	—	—	29	2.5	60	2.4
„ Mumps .....	5	0.8	1	—	1	—	7	0.5	4	0.9	3	0.6	1	—	8	0.7	15	0.6
(a), Other Serious Disease .....	23	3.7	14	2.8	5	2.0	42	3.1	16	3.7	14	2.9	5	2.1	35	3.0	77	3.0
Unvaccinated.....	342	55.1	309	62.3	176	69.3	827	60.3	219	50.2	314	65.1	164	68.0	697	60.1	1524	60.2
Said to have been Vaccinated, but have no marks (returned as Vaccinated) .....	3	0.5	1	—	1	—	5	0.4	2	0.5	2	0.4	3	1.2	7	0.6	12	0.5
Attend School Irregularly .....	4	0.6	10	2.0	8	3.1	22	1.6	3	0.7	9	1.9	10	4.1	22	1.9	44	1.7
Unsatisfactory Clothing .....	3	0.5	4	0.8	3	1.2	10	0.7	3	0.7	1	—	—	—	4	0.3	14	0.6
Unsatisfactory Footgear .....	10	1.6	7	1.4	6	2.4	23	1.7	5	1.1	2	0.4	2	0.8	9	0.8	32	1.3
Defective Nutrition .....	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—
Nits in the hair .....	30	4.8	28	5.6	28	11.0	86	6.3	147	33.7	122	25.3	46	19.1	315	27.2	401	15.9
Bodies Dirty .....	2	0.3	1	—	2	0.8	5	0.4	1	—	—	—	—	—	—	—	6	0.2
Defective Teeth .....	197	31.7	214	43.1	91	35.8	502	36.6	115	26.4	189	39.2	95	39.4	399	34.4	901	35.6
Enlarged Tonsils or Adenoids .....	61	9.8	91	18.3	29	11.4	181	13.2	33	7.6	62	12.9	36	14.9	131	11.3	312	12.3
Glands in the Neck .....	75	12.1	98	19.8	27	10.6	200	14.6	45	10.3	81	16.8	36	14.9	162	14.0	362	14.3
(a) External Eye Disease .....	14	2.3	14	2.8	6	2.4	34	2.5	5	1.1	11	2.3	5	2.1	21	1.8	55	2.2
Defective Vision .....	45	7.2	38	7.7	1	—	84	6.1	49	11.2	30	6.2	—	—	79	6.8	163	6.4
Otorrhœa .....	9	1.4	3	0.6	2	0.8	14	1.0	9	2.1	5	1.0	2	0.8	16	1.4	30	1.2
Defective Hearing .....	75	12.1	47	9.5	28	11.0	150	10.9	72	16.5	61	12.7	12	5.0	145	12.5	295	11.7
(a) Speech Defects .....	2	0.3	2	0.4	—	—	4	0.3	—	—	—	—	1	—	1	—	5	0.2
(a) Cardiac Disease .....	3	0.5	5	1.0	—	—	8	0.6	8	1.8	3	0.6	2	0.8	13	1.1	21	0.8
(a) Lung Disease .....	6	1.0	12	2.4	13	5.1	31	2.3	5	1.1	12	2.5	16	6.6	33	2.8	64	2.5
(a) Nervous Disease.....	1	—	1	—	1	—	3	0.2	2	0.5	—	—	—	—	2	0.2	5	0.2
(a) Tuberculosis (not Lungs or Glands) ...	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1	—
(a) Rickets .....	8	1.3	5	1.0	2	0.8	15	1.1	1	—	1	—	1	—	3	0.3	18	0.7
(a) Deformities .....	4	0.6	5	1.0	—	—	9	0.7	5	1.1	4	0.8	—	—	9	0.8	18	0.7
(a) Other Disease or Defect .....	51	8.2	47	9.5	17	6.7	115	8.4	46	10.6	39	8.1	10	4.1	95	8.2	210	8.3
Attend Sunday School .....	436	70.2	273	55.0	93	36.6	802	58.5	343	78.7	280	58.1	113	46.9	736	63.5	1538	60.8
Attend Extra Classes (Indoor) .....	90	14.5	5	1.0	—	—	95	6.9	63	14.4	13	2.7	—	—	76	6.6	171	6.8
Members of Boys' Brigades .....	14	2.3	—	—	—	—	14	1.0	—	—	—	—	—	—	—	—	14	0.6
Boy Scouts .....	9	1.4	—	—	—	—	9	0.7	—	—	—	—	—	—	—	—	9	0.4
Attend Swimming, Gymnasium, or other Physical Training, not included above, out of School .....	1	—	—	—	—	—	1	—	2	0.5	—	—	—	—	2	0.2	3	0.1
Doing paid work { 1. In a trade .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
out of school { 2. Errands and the like .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Family History of Tuberculosis .....	5	0.8	13	2.6	2	0.8	20	1.5	10	2.3	15	3.1	5	2.1	30	2.6	50	2.0
Sleeping four, or more, in one room .....	72	11.6	62	12.5	33	13.0	167	12.2	55	12.6	72	14.9	34	14.1	161	13.9	328	13.0
Sleeping with window closed.....	141	22.7	71	14.3	11	4.3	223	16.3	95	21.8	60	12.4	8	3.3	163	14.1	386	15.3

(a) See Table C.

Percentages are calculated on the number actually inspected, except in the cases of "Number Actually Inspected" and "Parent Refused Inspection," which are calculated on the number listed for inspection.







# **TABLE C.—ELEMENTARY SCHOOLS (SEPARATE AGES).**

The less frequent ailments, past and present; and a classification of various Diseases and Defects.

	BOYS.				GIRLS.				Grand Total.
	Leavers.	Inter-mediates.	En-trants.	Total.	Leavers.	Inter-mediates.	En-trants.	Total.	
NUMBER INSPECTED .....	621	496	254	1371	436	482	241	1159	2530
OTHER SERIOUS DISEASE (Past)	23	14	5	42	16	14	5	35	77
Appendicitis .....	3	—	—	3	—	1	—	1	4
Asthma .....	—	—	—	—	1	—	—	1	1
Bronchitis .....	5	5	2	12	2	4	—	6	18
Broncho-pneumonia .....	—	—	1	1	—	—	1	1	2
Encephalitis Lethargica .....	1	—	—	1	—	—	—	—	1
Jaundice (catarrhal).....	—	—	—	—	—	—	1	1	1
Pleurisy .....	—	—	—	—	1	—	—	1	1
Pneumonia .....	8	8	2	18	7	6	3	16	34
Rheumatic Fever .....	1	—	—	1	2	1	—	3	4
Rheumatism .....	4	—	—	4	2	—	—	2	6
Typhoid Fever .....	1	1	—	2	1	2	—	3	5
EXTERNAL EYE DISEASE .....	14	14	6	34	5	11	5	21	55
Blepharitis .....	3	—	1	4	1	3	—	4	8
Coloboma .....	1	—	—	1	—	—	—	—	1
Conjunctivitis .....	2	3	—	5	—	—	—	—	5
Corneal Nebulae .....	1	2	1	4	—	—	1	1	5
Hordeolum .....	—	2	—	2	—	4	—	4	6
Keratitis .....	1	—	—	1	—	—	—	—	1
Nystagmus .....	—	1	—	1	—	—	—	—	1
Ptosis .....	1	1	—	2	—	—	—	—	2
Strabismus .....	5	5	4	14	4	4	4	12	26
SPEECH DEFECTS .....	2	2	—	4	—	—	—	—	4
Defective Speech .....	—	1	—	1	—	—	—	—	1
Stammer .....	2	1	—	3	—	—	—	—	3
CARDIAC DISEASE .....	3	5	—	8	8	3	2	13	21
Arrhythmia .....	—	—	—	—	—	1	—	1	1
Functional bruits .....	2	2	—	4	—	—	—	—	4
Mitral Presystolic .....	—	1	—	1	—	—	—	—	1
Mitral Regurgitation .....	1	2	—	3	6	2	2	10	13
Pulmonary Stenosis .....	—	—	—	—	1	—	—	1	1
Tachycardia .....	—	—	—	—	1	—	—	1	1
LUNG DISEASE .....	6	12	13	31	5	12	16	33	64
Asthma .....	—	—	—	—	1	—	1	2	2
Bronchial Catarrh .....	6	12	13	31	2	9	15	26	57
Bronchitis .....	—	—	—	—	2	3	—	5	5
NERVOUS DISEASE .....	1	1	1	3	2	—	—	2	5
Epilepsy { Grand mal .....	—	—	1	1	—	—	—	—	1
{ Petit mal.....	—	—	1	1	—	—	—	—	1
Habit Spasm .....	—	1	—	1	—	—	—	—	1
Infantile Paralysis .....	—	—	—	—	2	—	—	2	2
TUBERCULOSIS.....	—	—	—	—	1	—	—	1	1
Old T.B. Hip .....	—	—	—	—	1	—	—	1	1
RICKETS .....	8	5	2	15	1	1	1	3	18
Harrison's Suleus .....	2	—	—	2	—	—	—	—	2
Head and Tibia .....	—	1	—	1	—	—	—	—	1
Knock Knee .....	—	—	—	—	—	—	1	1	1
Pigeon Breast .....	6	4	2	12	1	1	—	2	14

TABLE C.—continued.

	BOYS.				GIRLS.				Grand Total.
	Leavers.	Inter-mediates.	En-trants.	Total	Leavers.	Inter-mediates.	En-trants.	Total	
NUMBER INSPECTED .....	621	496	254	1371	436	482	241	1159	2530
DEFORMITIES .....	4	5	—	9	5	4	—	9	18
Accessory Auricle .....	—	1	—	1	—	—	—	—	1
Cleft Palate .....	—	—	—	—	1	—	—	1	1
Dislocation—left radius .....	—	1	—	1	—	—	—	—	1
Flat-chest .....	—	1	—	1	—	1	—	1	2
Genu Valgum (slight) .....	1	—	—	1	—	—	—	—	1
Hydrocephalus (slight) .....	1	—	—	1	—	—	—	—	1
Kyphosis .....	—	—	—	—	1	—	—	1	1
Persistent Branchial Cleft .....	1	—	—	1	—	—	—	—	1
Scoliosis .....	—	1	—	1	1	3	—	4	5
Spinal Curvature .....	—	—	—	—	1	—	—	1	1
Talipes Eq. Varus .....	1	—	—	1	—	—	—	—	1
Torticollis .....	—	1	—	1	1	—	—	1	2
OTHER DISEASE OR DEFECT ...	51	47	17	115	46	39	10	95	210
Aene Vulgaris .....	1	—	—	1	—	—	—	—	1
Alopecia Areata .....	—	—	—	—	1	—	—	1	1
Alveolar Abscess .....	1	1	1	3	—	—	—	—	3
Anæmia .....	5	6	1	12	16	5	—	21	33
Ankylosed Elbow .....	1	—	—	1	—	—	—	—	1
Ascaris Lumbricoides .....	—	—	—	—	—	1	—	1	1
Chicken Pox .....	1	—	—	1	—	—	—	—	1
Constipation .....	—	2	—	2	—	2	—	2	4
Contusion .....	—	—	—	—	2	—	—	2	2
Cyst .....	—	—	—	—	—	1	1	2	2
Deflection of Nasal Septum .....	—	1	—	1	—	—	—	—	1
Eczema .....	—	—	2	2	1	—	—	1	3
Enuresis .....	—	—	—	—	—	1	—	1	1
Enlarged Thyroid .....	4	—	—	4	6	—	—	6	10
Epistaxis .....	—	—	—	—	—	1	—	1	1
Fistula (small) .....	—	—	—	—	—	—	1	1	1
Furuncle .....	1	1	—	2	—	—	—	—	2
Gastric Catarrh .....	—	—	—	—	1	—	—	1	1
Heat Eczema .....	—	—	—	—	1	—	—	1	1
Ichthyosis .....	—	2	1	3	—	1	—	1	4
Impetigo .....	8	11	5	24	2	5	3	10	34
Incontinence of Urine .....	—	—	1	1	—	—	—	—	1
Keloid .....	1	—	—	1	—	—	—	—	1
Mastoid operation (old) .....	1	—	—	1	—	1	1	2	3
Megrim .....	—	1	—	1	1	—	—	1	2
Microsporon Furfur .....	—	—	—	—	—	1	—	1	1
Nasal Catarrh .....	—	2	1	3	—	2	—	2	5
Otitis Media .....	1	2	—	3	—	—	—	—	3
Oxyuris Vermicularis .....	—	1	—	1	—	1	1	2	3
Pharyngitis .....	—	1	—	1	2	—	—	2	3
Psoriasis .....	1	—	—	1	1	1	—	2	3
Rash .....	—	—	—	—	—	1	2	3	3
Rheumatism .....	—	—	—	—	3	—	—	3	3
Rhinitis .....	1	—	—	1	—	—	—	—	1
Scabies .....	—	1	1	2	—	3	—	3	5
*Scar .....	20	8	1	29	7	6	—	13	42
Seborrhæic Eczema .....	1	3	—	4	—	1	—	1	5
Septic Sores .....	1	—	2	3	—	2	—	2	5
Somnambulism .....	—	—	—	—	—	1	—	1	1
Stomatitis .....	1	—	—	1	—	—	—	—	1
Subacute Rheumatism .....	—	—	—	—	1	—	—	1	1
Tænia Solium .....	—	1	—	1	—	—	—	—	1
Tinea Tonsurans .....	—	2	—	2	1	2	—	3	5
Tonsillitis .....	1	1	—	2	—	—	—	—	2
Undescended Testicle .....	—	—	1	1	—	—	—	—	1
Urticaria .....	—	—	—	—	—	—	1	1	1

\* Secondary to Healed Tubercle, Surgical Operations, Burns, etc.



# METHODS EMPLOYED OR AVAILABLE FOR TREATMENT OF DEFECTS.

## THE WORK OF THE SCHOOL CLINICS.

### DEFECTIVE VISION.

All cases of Defective Vision, Squint and External Eye Disease found at the Routine Inspection were referred to the Ophthalmic Clinic for further examination, also cases discovered at the minor ailment clinic. During the course of the year there were 634 attendances at the Clinic, with the following results :—

Mydriatic given .....	192
Glasses prescribed .....	131
Glasses obtained .....	145
Can manage with present glasses.....	10
Glasses not required .....	25
External Eye Disease—Cases cured .....	28
Do. . . . . Number of attendances ...	167
Treated by private Medical Practitioner or at Hospital .....	9
Left school or town .....	14
Refused treatment .....	33

28 necessitous cases were assisted by the Education Committee. The Committee spent £10 18s. 6d. on the provision of spectacles, but of this sum £8 4s. 0d. was afterwards collected from the parents of the children concerned.



## TONSILS AND ADENOIDS.

During the year 107 children were examined by the Nose and Throat Specialist, and 69 were found to require operation.

Since many symptoms commonly associated with enlarged tonsils or adenoids can also be produced by other conditions, considerable care is necessary in the selection of cases for operation. For instance, it is found that many children in whom there are no adenoids and only small tonsils, suffer from mouth breathing and ear trouble due to chronic nasal catarrh.

In order that the information regarding symptoms, general health and home conditions may be as complete and reliable as possible, considerable importance is attached to a personal interview with the parent or guardian in every case.

The anaesthetic used is invariably nitrous oxide gas, which is almost free from risk and proves itself ideal for these operations.

The children are kept at the clinic for several hours after operation, and then sent home by conveyance.

Consultation Cases .....	107
Operation performed at Clinic .....	69
Operation not required .....	31
Treated by Private Doctor or Infirmary ...	10
Refused treatment .....	77
Left school or town .....	4

COURTENAY YORKE,

Hon. Surgeon to the Liverpool  
Stanley Hospital.

CARIOUS TEETH.

SCHOOL DENTAL SURGEON'S REPORT.

ELEMENTARY SCHOOLS.

Month.	Results of Inspection			Ap- point- ments	Number Treated		Extractions			N2O	Gen.	Fillings.		Dress- ings.	Scal- ings.	Root Treat- ment.	Teeth Extracted for Regulation Purposes.		Oral Affec- tions.	Impressions Taken.	Regulation Appliance Inserted.	Regulation Appliance Adjusted.	Consultation with Parent.	Examined, Treatment Deferred.
	Schools Visited.	Children Examined.	Children Needing Treatment		Dental	Medi- cal.	Temp.	Perm.	Loc.			Temp.	Perm.				Temp.	Perm.						
January .....	—	—	—	324	288	—	360	30	69	—	—	27	101	13	4	6	7	—	5	—	—	—	6	14
February ...	3	537	406	314	310	4	369	27	73	—	—	57	107	36	3	10	23	5	5	—	—	—	3	18
March .....	3	340	257	339	333	2	378	19	102	—	—	35	153	31	5	17	12	4	3	3	2	2	5	18
April .....	1	829	597	199	168	13	191	19	58	—	—	18	64	10	1	13	4	2	3	2	2	7	4	5
May .....	1	453	332	278	201	62	332	25	133	—	—	21	98	19	7	9	—	1	7	2	1	6	1	15
June .....	—	—	—	375	293	81	544	32	162	—	—	51	133	63	2	5	10	4	4	2	2	6	3	15
July .....	1	265	207	315	267	50	400	33	155	—	—	38	92	26	6	1	21	6	13	—	1	1	2	19
August .....	—	—	—	74	66	6	96	2	33	—	—	1	45	4	2	—	4	1	1	—	—	—	1	7
September ...	1	640	495	278	266	31	357	46	174	—	—	17	101	30	2	6	17	4	6	—	—	—	1	10
October .....	2	468	347	349	307	79	492	51	234	—	—	65	97	34	2	6	22	5	8	2	—	—	2	12
November ...	2	665	478	273	164	102	297	49	163	—	—	34	74	38	2	11	5	7	3	1	—	—	5	14
December ...	1	161	127	231	188	41	286	36	123	—	—	17	103	15	2	6	2	1	1	—	—	—	3	15
TOTALS ...	15	4358	3246	3349	2851	471	4102	369	1479	—	—	381	1168	319	38	90	127	40	59	12	8	22	36	162





## MINOR AILMENTS.

### (I.) ATTENDANCES AT MINOR AILMENT AND SKIN CLINICS (PHYSICIAN AND DERMATOLOGIST).

(Attendances counted, not individual children).

Abscess .....	22	Megrim .....	2
Acne Vulgaris .....	1	Mentally Deficient .....	1
Adenitis .....	37	Minor Accidents .....	48
Alopecia Areata .....	26	Molluscum Contagiosum ...	2
Alopecia Fura .....	2	Mouth Breather .....	1
Anaemia .....	35	Onychia .....	2
Ascaris Lumbricoides .....	5	Otorrhœa .....	129
Asthma .....	2	Oxyuris Vermicularis .....	3
Bronchial Catarrh .....	127	Ozaena .....	3
Burns and Scalds .....	10	Parotitis .....	4
Catarrhal Jaundice .....	12	Parotitis (recent) .....	1
Chicken Pox .....	12	Periostitis .....	3
Chilblains .....	12	Pharyngitis .....	19
Chorea.....	12	Phthisis .....	1
Constipation .....	4	Pigeon Chest .....	1
Cough .....	37	Pityriasis Capitis .....	8
Cyst .....	3	Psoriasis .....	24
Dacryocystitis .....	4	Pyrexia .....	85
Dandruff .....	1	Rheumatism .....	9
Dermatitis .....	19	Scabies .....	130
Diarrhœa .....	3	Scarlet Fever (recent).....	126
Diphtheria .....	1	Sebaceous Cyst .....	1
Eczema .....	18	Seborrhœa .....	36
Enuresis .....	8	Septic Sores .....	333
Erythema Iris .....	3	Sore Throat .....	30
External Eye Disease.....	184	Stomatitis .....	9
Exam. re Free Meals .....	16	Teeth, defective .....	15
Do. for Secondary		Tinea Circinata .....	13
School .....	60	Tinea Tonsurans .....	552
Favus .....	7	Tonsillitis .....	11
Furuncle .....	6	Tonsils and Adenoids	
Ganglion .....	1	(enlarged) .....	39
Gastric Catarrh .....	17	Torticollis (rheumatic).....	1
Gastritis .....	1	Traumatic Dermatitis .....	1
Gastro Enteritis .....	1	Tubercular Glands .....	8
Habit Spasm .....	4	Tubercular Peritonitis.....	1
"Healthy" .....	12	Urticaria .....	11
Hearing, defective .....	49	Verminous head .....	3
Herpes Zoster .....	8	Vision, defective .....	49
Ichthyosis .....	6	Wart .....	11
Impetigo Contagiosa .....	391	Whitlow .....	3
Indurated Follicle .....	2	Whooping Cough .....	12
Influenza .....	1		
Interstitial Glossitis .....	1	Total .....	2933
Laryngitis .....	8		
Measles (recent) .....	1	Total (1922).....	3452

## (II.) CASES ATTENDED TO BY SCHOOL NURSE AT CLINIC.

[Not included in Table I.]

(Attendanees counted, not individual children).

Abscess .....	20	Pharyngitis .....	19
Adenitis .....	29	Pityriasis Capitis .....	6
Alopecia Areata .....	89	Polypus (ear).....	25
Anaemia .....	17	Psoriasis .....	35
Bronchial Catarrh .....	45	Pyrexia .....	21
Burns and Scalds .....	74	Rash .....	7
Catarrhal Jaundice .....	2	Seabies .....	375
Chilblains .....	30	Searlet Fever (recent) ...	26
Chorea.....	1	Seborrhœa .....	74
Cough .....	12	Seborrhoides .....	4
Cyst .....	16	Septic Sores .....	1905
Dandruff .....	6	Sore Throat .....	71
Dermatitis .....	73	Stomatitis .....	11
Diarrhœa .....	3	Tinea Tonsurans .....	1090
Eczema .....	61	Tonsils and Adenoids	
Erythema Iris .....	4	(enlarged) .....	3
Exam. re physical training	10	Tonsillitis .....	14
External Eye Disease ...	736	Traumatic Dermatitis .....	1
Favus .....	5	Tubercular Glands .....	6
Furuncle .....	72	Urticaria .....	3
Hearing, defective .....	293	Verminous head .....	34
Herpes Zoster .....	4	Vision, defective .....	382
Ichthyosis .....	11	Wart .....	40
Impetigo Contagiosa .....	1351	Weighed re Free Meals ...	216
Laryngitis .....	2	Whitlow .....	2
Minor Accidents .....	384		
Nits .....	14	Total .....	8246
Otorrhœa .....	504		
Ozaena .....	3	Total (1922) ...	8559
Parotitis .....	1		
Periostitis .....	4		

## (III.) TOTAL NUMBER OF CASES ATTENDED TO BY NURSE AT CLINIC.

(Attendances counted, not individual children).

Daily morning clinic .....	8246
Doctors' clinic .....	2933
Nose and Throat clinic .....	107
Ophthalmic clinic .....	634
Tubercular Glands :—	
Inunction treatment .....	309
Total .....	12229



## NURSES' VISITS TO SCHOOLS AND HOMES.

	Cases Visited			Cases Visited	
	at School	at Home		at School	at Home
Abscess .....	1	3	Rickets .....	—	2
Anæmia .....	—	4	Ringworm .....	3	8
Bronchitis .....	7	16	Scabies .....	4	20
Clothing and			Sepsis .....	—	9
Footgear .....	11	25	Teeth .....	268	1572
Dirty Body .....	3	13	Tonsils & Adenoids.	39	209
Eczema .....	2	1	Verminous .....	9	136
Eye trouble .....	7	30	Vision .....	192	535
Glands.....	6	29	Miscellaneous .....	260	78
Hearing .....	9	173			
Heart .....	4	12			
Impetigo .....	21	63	Total No. of		
Lupus .....	—	—	Visits .....	941	3055
Malnutrition .....	—	9			
Nits .....	89	65	Total No. of		
Otorrhœa .....	13	35	Visits, 1922...1943	3351	
Phthisis .....	—	1			

Two or more defects are frequently present in the same child.

### TREATMENT OF UNCLEANLINESS.

- (i.) Average number of visits per school made during the year by the School Nurses—5.9.
- (ii.) Total number of examinations of children in the schools by School Nurses—14942.
- (iii.) Number of examinations :—
- |                 | Boys. |      |     | Girls. |      |     | Totals. |      |
|-----------------|-------|------|-----|--------|------|-----|---------|------|
| Clean .....     | 3451  | 84.1 | ... | 4967   | 45.8 | ... | 8418    | 56.3 |
| Nits .....      | 644   | 15.7 | ... | 5779   | 53.3 | ... | 6423    | 43.0 |
| Verminous ..... | 8     | 0.2  | ... | 93     | 0.9  | ... | 101     | 0.7  |
- (iv.) Number of children cleansed under arrangements made by the Local Education Authority :—
- No cleansing station is provided. If necessary action is taken under School Attendance Byelaws.
- (v.) Number of cases in which legal proceedings were taken :—
- (a) Under the Education Act, 1921 ..... Nil.
- (b) Under School Attendance Byelaws ..... Nil.

The average condition of the heads can be seen from the result of inspection under the Education (Ad. Prov.) Act, 1907—see page 9 and Table B. The results given here are due to re-inspections of children known to require constant supervision.



## INFECTIOUS DISEASE.

### ACTION TAKEN TO DETECT AND PREVENT THE SPREAD OF INFECTIOUS DISEASE.

The practice of having all children who have suffered from Scarlet Fever examined by the School Medical Officer before their return to school, has been continued. Since it was begun no school within the area of the Authority has required closure on account of an outbreak of Scarlet Fever.

### ELEMENTARY SCHOOLS CLOSED DURING 1923 ON ACCOUNT OF AN OUTBREAK OF INFECTIOUS DISEASE :—

School.	Department.	Period of closure.			Cause.	
Holy Trinity C.E. ...	Infants ...	14 days from	5.3.23	...	Measles.	
Birkdale Council .....	do. ...	7	do.	23.3.23	...	do.
Blowick C.E. ....	do. ...	13	do.	10.4.23	...	do.
Do. ....	do. ...	14	do.	23.4.23	...	do.
St. Luke's C.E.....	— ...	17	do.	4.5.23	...	do.

### NOTIFICATIONS OF INFECTIOUS DISEASE.

	Affecting the School Children only.			All cases in the area.		
	1921	1922	1923	1921	1922	1923
*Measles .....	553	78	577	... 939	197	1080
Scarlet Fever.....	40	74	41	... 132	167	104
Chicken Pox .....	214	25	184	... 414	118	304
Diphtheria .....	56	16	10	... 111	42	37
Whooping Cough .....	61	91	36	... 296	205	121

\* Including Rubella.

### CASES REPORTED TO MEDICAL OFFICER OF HEALTH FROM SCHOOL CLINIC.

Chicken Pox .....	18
Diphtheria .....	1
Whooping Cough .....	9

## EXCLUDED UNDER ARTICLE 53 (b) OF THE CODE.

Chicken Pox .....	18
Diphtheria .....	1
Impetigo .....	16
Oral Sepsis.....	1
Parotitis .....	5
Pityriasis Capitis .....	1
Ringworm .....	89
Scabies .....	27
Scarlet Fever in house .....	2
Seborrhæic Eczema .....	1
Verminous .....	99
Whooping Cough .....	9

## DEFECTIVE AND EPILEPTIC CHILDREN.

### CHILDREN IN SPECIAL INSTITUTIONS.

Royal School for the Deaf & Dumb, Old Trafford, Manchester .....	2 girls.
St. Elizabeth's R.C. School, Much Hadham, Herts....	1 girl.
School for the Blind, Wavertree .....	3 boys.
Royal Albert Institution, Lancaster .....	1 boy.
"Calderstones" Institution, Whalley .....	2 boys & 1 girl.
Pontville R.C. School, Aughton Park, Ormskirk ...	2 boys.
Children's Convalescent Home, West Kirby .....	1 boy & 5 girls.
Westmorland Sanatorium, Meathop, Grange-over- Sands .....	2 boys & 1 girl.
School for the Deaf & Dumb, Oxford Street, Liverpool .....	1 girl.
Shaftesbury Road Sanatorium .....	1 boy & 1 girl.
	Boys. Girls. Total.
Total No. of children in Special Institutions .....	12 12 24

TABLE III. on Pages 35, 36 and 37 is a survey of all the known Defective Children in the Area of the Authority.

CHILDREN IN INDUSTRIAL SCHOOLS.

Lostock Junction, Nr. Bolton .....	3 boys.
Shadwell Industrial School, Leeds .....	2 boys.
“ Wellesley ” Nautical School, Links Road, Blythe, Northumberland .....	2 boys.
St. Joseph’s R.C. Industrial School, Longsight, Manchester .....	2 boys.
Shipton Church of England Home for Waifs & Strays	1 girl.
	Boys. Girls. Total.
Total No. of children in Industrial Schools .....	9 1 10

MISCELLANEOUS WORK.

Seen by the School Medical Officer.  
(Special Cases brought out by teachers during Routine Inspection).

Adenitis .....	1	Scabies .....	2
Backward Children .....	4	Teeth, defective .....	1
Bronchitis .....	1	Verminous .....	1
Cardiac Disease.....	1	Vision, defective .....	20
Eye Trouble .....	4	Other Disease or Defect ...	5
Hearing, defective .....	2	Not definitely specified ...	2
Impetigo .....	2		—
Ringworm .....	2	Total .....	48
			—

The Elementary Schools in the Borough were visited by the Assistant School Medical Officer in December, and 279 children were recommended for the provision of free meals.

RE-EXAMINATIONS of Children were conducted at the following Schools during the year, with results as shown :—

SCHOOL.	DENTAL DEFECTS			VISUAL DEFECTS			MISCELLANEOUS			No. of children ex- amined
	Cured	Un- treated	Im- proving	Cured	Un- treated	Im- proving	Cured	Un- treated	Im- proving	
Linaker St. Council ...	6	32	—	3	11	—	10	5	1	51
Blowick C.E. ....	4	22	1	2	4	—	—	1	—	27



A Course of Physical Training is being given to about 10 children specially requiring it, by Mr. A. Alexander, of the Southport Physical Training College to their very great advantage.

Three children with Phthisis were treated during the year at Westmorland Sanatorium, Meathop, Grange-over-Sands.

Six children received treatment in the Children's Convalescent Home, West Kirby, with very satisfactory results. The periods of treatment were as follows :—

J.E. ....Eight months.

E.R. ....Four months.

M.H. ....Four months.

M.A. ....Four months.

K.R. ....Six months.

A.B.....Admitted 10.12.23. Still under treatment  
on December 31st, 1923.

The National Society for the Prevention of Cruelty to Children has been occasionally invoked, and its efforts are successful in securing alleviation in certain refractory cases.

## FEEDING OF NECESSITOUS SCHOOL CHILDREN.

### SEASON 1922-23.

1.—The issue of meals commenced 2nd February, 1922, and ended 29th March, 1923.

2.—The previous season's arrangement was adopted of Canteens in the schools themselves, at which meals were issued to the necessitous children of such school. Schools with too few children to establish a Canteen went to the nearest School Canteen.

3.—Canteens were established at the following schools :—

Birkdale St. John's C.E.

Birkdale Council.

Birkdale St. Teresa's.

Sefton Street Council.

St. Simon & Jude's.

Crossens C.E.

Churehtown Council.

4.—The meals were cooked and provided by the Southport Co-operative Society, who delivered them in containers, by light motor van, simultaneously to all schools at which Canteens were established. The price of each meal was 4d. per head.

5.—The Headteachers of each school at which was established a Canteen assisted in making all arrangements for the proper order and conduct of the meals given and arranged a rota of teachers to assist in serving and supervising. The elder scholars washed up the crockery after each meal. The presentation of the meals and the order maintained were satisfactory.

6.—The total number of meals provided during the period February 2nd, 1922, to 29th March, 1923, was 5,204 plus 5,801 from the previous feeding season (1921-22) but included in financial year 1922-23, or a total of 11,005. The cost for food alone at 4d. per head was £183 ; other expenses £36 2s. 0d., or a total of £219 2s. 0d. for the financial year 1922-23, which includes two feeding seasons. The lowest number of individual children fed during that period was 98, the highest number 219. There was no expenditure incurred in caretakers' wages, time or rooms, or similar expenditure.

7.—No amounts were recovered from parents by way of payment or part payment, it having been found after enquiry into all circumstances that each case was necessitous.



PARTICULARS OF INSPECTION AND TREATMENT AT THE  
SOUTHPORT SECONDARY SCHOOLS.

**TABLE D.—SECONDARY SCHOOLS.**

**(1) Average Heights and Weights. (Age last birthday.)**

BOYS.							GIRLS.						
No.	Age last Birthday.			Ft. Ins.		St. Lbs.	No.	Age last Birthday.			Ft. Ins.		St. Lbs.
3	...	10	...	4—5.5	...	4—11.5	5	...	10	...	4—7.4	...	5—0.6
23	...	11	...	4—6.9	...	5—1.6	22	...	11	...	4—8.1	...	5—6.4
31	...	12	...	4—8.8	...	5—6.6	66	...	12	...	4—10.3	...	5—12.3
54	...	13	...	4—11.1	...	6—2.8	75	...	13	...	5—0.3	...	6—11.2
50	...	14	...	5—1.7	...	6—11.2	78	...	14	...	5—1.4	...	6—12.0
48	...	15	...	5—4.2	...	7—13.3	51	...	15	...	5—2.2	...	7—9.5
19	...	16	...	5—5.2	...	8—1.4	32	...	16	...	5—2.8	...	8—3.2
1	...	17	...	5—5.0	...	9—2.5	13	...	17	...	5—3.1	...	8—0.1
							7	...	18	...	5—3.1	...	8—3.4
<hr/> 229							<hr/> 349						

**Table Comparing Weights of Elementary and Secondary School Children.**

BOYS.				GIRLS.							
Age.		ELEMENTARY. St. Lbs.		SECONDARY. St. Lbs.		Age.		ELEMENTARY. St. Lbs.		SECONDARY. St. Lbs.	
10	.....	4—11.5	.....	4—11.5		10	.....	4—7.1	.....	5—0.6	
11	.....	5—1.4	.....	5—1.6		11	.....	5—0.9	.....	5—6.4	
12	.....	5—5.6	.....	5—6.6		12	.....	5—5.0	.....	5—12.3	
13	.....	5—13.3	.....	6—2.8		13	.....	6—1.5	.....	6—11.2	
14	.....	6—13.8	.....	6—11.2		14	.....	6—8.8	.....	6—12.0	
15	.....	7—5.9	.....	7—13.3							
16	.....	9—5.5	.....	8—1.4							

The heavier weights of girls in the Secondary Schools indicate that those who are better endowed physically, pass on to the Secondary Schools.

**TABLE E. SECONDARY SCHOOLS (SEPARATE AGES).**

	BOYS.					GIRLS.					GRAND TOTAL.	
	Leavers.		Intermediates.		Total.	Leavers.		Intermediates.		Total.	No.	%
	No.	%	No.	%		No.	%	No.	%			
Number Listed for Inspection .....	231	—	...	3	234	367	—	...	5	372	606	—
Number Actually Inspected .....	226	97.8	...	3	229	344	93.7	...	5	349	578	95.4
Parent Refused Inspection.....	—	—	...	—	—	1	—	...	—	1	1	—
Defective Nutrition .....	—	—	...	—	—	—	—	...	—	—	—	—
Nits in the Hair .....	—	—	...	—	—	14	4.1	...	—	14	14	2.4
Bodies Dirty .....	—	—	...	—	—	1	—	...	—	1	1	—
Defective Teeth .....	84	37.2	...	2	86	111	23.3	...	3	114	200	34.6
Enlarged Tonsils and Adenoids .....	10	4.4	...	2	12	22	6.4	...	1	23	35	6.1
Glands in the Neck .....	5	2.2	...	1	6	7	2.0	...	—	7	13	2.2
(a) External Eye Disease .....	2	0.9	...	—	2	1	—	...	—	1	3	0.5
Defective Vision .....	17	7.5	...	—	17	36	10.5	...	—	36	53	9.2
Otorrhœa .....	—	—	...	—	—	2	0.6	...	—	2	2	0.3
Defective Hearing .....	19	8.4	...	2	21	34	9.9	...	—	34	55	9.5
(a) Speech Defects .....	1	—	...	—	1	—	—	...	—	—	1	—
(a) Cardiac Disease .....	2	0.9	...	—	2	3	0.9	...	—	3	5	0.9
(a) Lung Disease .....	2	0.9	...	—	2	—	—	...	—	—	2	0.3
(a) Nervous Disease.....	1	—	...	—	1	—	—	...	—	—	1	—
(a) Tuberculosis (not Lungs or Glands)	—	—	...	—	—	—	—	...	—	—	—	—
(a) Rickets .....	1	—	...	—	1	—	—	...	—	—	1	—
(a) Deformities .....	4	1.8	...	—	4	4	1.2	...	—	4	8	1.4
(a) Other Disease or Defect .....	19	8.4	...	—	19	23	6.7	...	—	23	42	7.3

(a) See Table F.

Percentages are calculated on the number actually inspected, except in the case of "Number Actually Inspected," which is calculated on the number listed for inspection.



## TABLE F. SECONDARY SCHOOLS (SEPARATE AGES).

The less frequent ailments, past and present; and a classification of various Diseases and Defects.

	BOYS. Leavers.	GIRLS. Leavers.	TOTAL.
EXTERNAL EYE DISEASE.			
Opacity .....	1	—	1
Strabismus .....	—	1	1
Hordeolum.....	1	—	1
SPEECH DEFECTS.			
Stutter .....	1	—	1
CARDIAC DISEASE.			
Mitral Regurgitation .....	2	3	5
LUNG DISEASE.			
Asthma .....	1	—	1
Bronchial Catarrh .....	1	—	1
NERVOUS DISEASE.			
Infantile Paralysis .....	1	—	1
RICKETS.			
Pigeon Breast .....	1	—	1
DEFORMITIES.			
Cleft Palate .....	1	—	1
Depressed Sternum .....	1	—	1
Flat-foot .....	2	—	2
Scoliosis .....	—	3	3
Torticollis .....	—	1	1
OTHER DISEASE OR DEFECT.			
Abrasion .....	1	—	1
Acne Vulgaris .....	1	—	1
Anæmia .....	6	8	14
Catarrh .....	1	—	1
Eczema .....	1	—	1
Enlarged Thyroid .....	—	5	5
Ichthyosis .....	—	1	1
Migrain .....	—	2	2
Nævus of Tongue.....	1	—	1
*Scar .....	8	6	14
Septic Spots .....	—	1	1

\* Secondary to Healed Tubercle, Surgical Operations, Burns, etc.

**SECONDARY SCHOOLS.      TREATMENT OF DEFECTS, 1923.**

DISEASE OR DEFECT.	REFERRED FOR TREATMENT.			RESULTS OF TREATMENT.			No. of defects treated.	No. of defects untreated.	No. of defects for which no report is available.	Left School or Town.	Still on Books.	Percentage of defects treated.	
	From previous year.	1923 Cases.	Total.	Remedied.	Improved.	Unchanged.						1923	1922
Tonsils and Adenoids .....	12	9	21	11	—	—	11	6	1	3	7	52.4	36.0
External Eye Disease ...	—	1	1	—	—	—	—	—	1	—	1	—	100.0
Otorrhoea .....	5	3	8	7	—	—	7	—	—	1	—	87.5	66.7
Teeth .....	91	192	283	95	19	—	114	67	73	29	159	40.3	66.2
Vision and Squint .....	28	47	75	(a) 33	2	—	35	15	16	9	33	46.7	71.1
Hearing .....	22	36	58	36	1	—	37	13	5	3	19	63.8	71.0
Totals .....	158	288	446	182	22	—	204	101	96	45	219	45.7	66.9

(a) Proper spectacles supplied, or certified by an Ophthalmic Surgeon to be able to manage without them.

SCHOOL DENTAL SURGEON'S REPORT.

SECONDARY SCHOOLS.

Month.	Ap- point- ments	Number Treated		Extractions.			N <sub>2</sub> O.	Gen.	Fillings.		Dress- ings.	Scal- ings.	Root Treat- ment.	Teeth Extracted for Regulation Purposes.		Oral Affec- tions.	Impressions Taken.	Regulation Appliance Inserted.	Regulation Appliance Adjusted.	Consultation with Parent.	Examined, Treatment Deferred.
		S.M.O. Cases.		Temp.	Perm.	Loc.			Temp.	Perm.											
January ...	11	14	2	—	4	—	—	—	—	—	—	4	—	2	5	—	—	—	—	2	2
February	24	23	2	—	10	—	—	—	—	—	—	2	4	—	13	4	1	—	—	—	1
March .....	17	18	—	2	4	2	—	—	—	—	2	2	—	—	1	2	1	2	—	—	6
April .....	10	11	—	—	12	3	—	—	—	—	2	2	2	1	—	—	—	—	—	1	1
May .....	4	4	—	—	4	1	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—
June .....	11	11	—	2	11	2	—	—	—	—	2	3	1	—	—	—	—	—	—	—	1
July .....	10	10	—	2	5	1	—	—	—	—	1	—	5	—	—	—	—	—	—	—	1
August ...	2	4	—	1	2	1	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—
September	8	7	—	—	10	1	—	—	—	—	1	2	1	—	—	—	—	1	—	1	—
October ...	5	6	—	1	4	3	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—
November	9	9	1	—	7	6	—	—	—	—	—	—	2	—	—	—	—	—	—	—	1
December	12	13	5	2	7	2	—	—	—	—	2	2	2	—	—	—	—	—	—	—	3
TOTALS	123	130	10	10	80	22	15	24	—	—	—	—	—	3	19	6	2	3	4	—	16



# TREATMENT OF DEFECTS.

(Other than those shewn in Board of Education Table IV.)

DISEASE OR DEFECT.	NUMBER OF CHILDREN.											Percentage of defects treated.		
	REFERRED FOR TREATMENT.			RESULTS OF TREATMENT.				No. of defects for which no report is available.	No. of defects for which treatment was refused.	Left School or Town.	Still on Books.			
	From previous year.	1923 Cases.	Total.	Remedied.		Un- changed.	No. of defects treated.					No. of defects Un- treated.		
				Under Local Education Authority's Scheme.	Other- wise.									
Clothing and Boots .....	6	40	46	25	—	—	25	12	7	—	2	19	54.3	93.6
Nutrition .....	—	2	2	—	—	2	2	—	—	—	—	2	100.0	60.0
Bronchitis .....	15	55	70	37	3	9	51	9	10	—	—	30	72.9	84.3
Pulmonary Tuberculosis .....	13	7	20	3	—	11	19	—	—	—	1 died	16	—	—
Non-Pulmonary Tuberculosis:—														
Glands.....	37	13	50	11	—	24	38	—	1	—	8+3 died	28	76.0	98.3
Spine .....	1	—	1	—	—	1	1	—	—	—	—	1	100.0	100.0
Hip .....	2	1	3	—	—	3	3	—	—	—	—	3	100.0	100.0
Other Bones and Joints	3	2	5	1	—	4	5	—	—	—	—	4	100.0	100.0
Skin .....	1	—	1	1	—	—	1	—	—	—	—	—	100.0	100.0
Other Forms .....	12	9	21	1	—	9	12	—	—	—	1+8 died	11	57.1	83.3
Defective Teeth (cases found by S.M.O.) .....	402	856	1258	391	99	20	510	519	152	15	62	691	40.5	54.2
	492	985	1477	470	102	83	667	540	170	15	73 +12 died	805	45.2	58.9

## WORK DONE BY THE SCHOOL NURSING STAFF.

The routine work comprises :—

Attendance at School Medical Inspection and the following-up of all children found to be suffering from any defect, until it is cured or ameliorated. The homes of the children are visited and friendly advice is given to the parent with the result that the majority of defects are treated.

Visiting of schools for the purpose of inspection under the Children Act, 1908. The person and clothing of children are examined for vermin and filthy condition, and where found, children are excluded until cleansed. No cleansing station is provided, but means are available as required. Instructions for cleansing are given to the parent, and if necessary action is taken under the School Attendance Bye-Laws.

Attendance at the following clinics :—Minor Ailment, Skin, Ophthalmic, Nose and Throat, and Dispensary. A number of cases are referred to the Medical Department by the School Attendance Officers, and such are visited from time to time.

A treatment clinic is held daily from 9-30 a.m. to 12-15 p.m. All children who are seen by the School Medical Officer at the Minor Ailment Clinic and require daily attention, are referred to this clinic for treatment; by this arrangement defects are cured very much quicker than if treated at home, thus saving loss of attendance at school. The majority of parents who attend the various clinics are grateful for what is done for their children and are becoming to realise that "Prevention is better than cure."

---

### BOARD OF EDUCATION TABLES.

TABLE I.—RETURN OF MEDICAL INSPECTIONS—Year ended 31st December, 1923.

#### A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections.

Entrants .....	495
Intermediates .....	978
Leavers .....	1057
Total .....	2530

Number of other Routine Inspections ..... Nil.

#### B.—OTHER INSPECTIONS.

Number of Special Inspections .....	2456
Number of Re-inspections .....	1417
Total .....	3873



TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION  
IN THE YEAR ENDED 31st DECEMBER, 1923.

Defect or Disease.	Routine Inspections. No. of defects.				Special Inspections. No. of defects.		
	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.			Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.	
(1)	(2)	(3)	(4)	(5)			
Malnutrition .....	1	...	—	...	1	...	—
Uncleanliness— (See Table IV. Group V.) .....	—	...	—	...	—	...	—
Skin—							
Ringworm—							
Scalp .....	5	...	—	...	77	...	—
Body .....	—	...	—	...	21	...	—
Scabies .....	5	...	—	...	27	...	—
Impetigo .....	34	...	—	...	158	...	—
Other Diseases (Non-Tuberculous)...	29	...	—	...	496	...	—
Eye—							
Blepharitis .....	8	...	—	...	11	...	—
Conjunctivitis .....	5	...	—	...	36	...	—
Keratitis .....	1	...	—	...	4	...	—
Corneal Opacities .....	5	...	—	...	2	...	—
Defective Vision .....	163	...	—	...	77	...	6
Squint .....	26	...	—	...	3	...	—
Other Conditions .....	9	...	1	...	30	...	—
Ear—							
Defective Hearing .....	295	...	—	...	192	...	6
Otitis Media .....	3	...	—	...	1	...	1
Other Ear Diseases .....	30	...	—	...	72	...	1
Nose and Throat—							
Enlarged Tonsils only .....	59	...	151	...	45	...	16
Adenoids only .....	36	...	36	...	22	...	2
Enlarged Tonsils and Adenoids	10	...	20	...	16	...	2
Other Conditions .....	11	...	1	...	16	...	1
Enlarged Cervical Glands (Non-Tuberculous) .....	—	...	362	...	34	...	6
Defective Speech .....	—	...	4	...	—	...	1



TABLE II.—Continued.

Defect or Disease.	Routine Inspections. No. of defects.			Special Inspections. No. of defects.		
	Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.		Requiring treatment.	Requiring to be kept under observation, but not requiring treatment.	
(1)	(2)	(3)		(4)	(5)	
Teeth—						
Dental Diseases .....	901	...	—	...	44	...
(See Table IV. Group IV.)						
Heart and Circulation—						
Heart Disease—						
Organic .....	—	...	21	...	7	...
Functional .....	—	...	—	...	—	...
Anæmia .....	33	...	—	...	14	...
Lungs—						
Bronchitis .....	5	...	—	...	50	...
Other Non-Tuberculous Diseases	59	...	—	...	22	...
Tuberculosis—						
*Pulmonary—						
Definite .....	—	...	—	...	20	...
Suspected .....	—	...	—	...	—	...
*Non-Pulmonary—						
Glands.....	—	...	—	...	50	...
Spine .....	—	...	—	...	1	...
Hip .....	—	...	—	...	3	...
Other Bones and Joints....	—	...	—	...	5	...
Skin .....	—	...	—	...	1	...
Other Forms .....	—	...	—	...	21	...
Nervous System—						
Epilepsy .....	2	...	—	...	—	...
Chorea.....	—	...	—	...	7	...
Other Conditions .....	1	...	—	...	8	...
Deformities—						
Rickets .....	—	...	18	...	1	...
Spinal Curvature .....	6	...	—	...	1	...
Other Forms .....	—	...	12	...	4	...
Other Diseases and Defects .....	30	...	13	...	626	...

\* All known cases of children up to school leaving age.

TABLE II.—continued.

B.—NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE  
MEDICAL INSPECTION TO REQUIRE TREATMENT  
(EXCLUDING UNCLEANLINESS).

Group.	Number of children.		Percentage of Children found to require treatment.
	Inspected.	Found to require treatment.	
Code groups :			
Entrants .....	495	1265*	50.0
Intermediates .....	978		
Leavers .....	1057		
Other routine inspections .....	Nil.	Nil.	Nil.

\* Children found by the School Medical Officer to require Dental treatment have been included in this figure.

TABLE III.—RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA.

			Boys.	Girls.	Total.
Blind (including partially blind).	(i.) Suitable for training in a School or Class for the totally blind.	Attending Certified Schools or classes for the Blind .....	1	—	1
		Attending Public Elementary Schools .....	—	—	—
		At other Institutions .....	—	—	—
		At no School or Institution ...	1	1	2
	(ii.) Suitable for training in a School or Class for the partially blind.	Attending Certified Schools or Classes for the Blind ...	2	—	2
		Attending Public Elementary Schools .....	—	—	—
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	1	1
Deaf (including deaf and dumb and partially deaf).	(i.) Suitable for training in a School or Class for the totally deaf or deaf and dumb.	Attending Certified Schools or Classes for the Deaf .....	—	3	3
		Attending Public Elementary Schools .....	—	—	—
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	—	—
	(ii.) Suitable for training in a School or Class for the partially deaf.	Attending Certified Schools or Classes for the Deaf .....	—	—	—
		Attending Public Elementary Schools .....	—	1	1
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	—	—
Mentally Defective.	Feebleminded (cases not notifiable to the Local Control Authority).	Attending Certified Schools for Mentally Defective Children	2	—	2
		Attending Public Elementary Schools .....	3	6	9
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	1	1
	Notified to the Local Control Authority during the year.	Feebleminded .....	—	—	—
		Imbeciles .....	—	—	—
		Idiots .....	—	—	—



TABLE III.—Continued.

			Boys.	Girls.	Total.
Epileptics.	Suffering from severe epilepsy.	Attending Certified Special Schools for Epileptics .....	—	1	1
		In Institutions other than Certified Special Schools ...	—	—	—
		Attending Public Elementary Schools .....	—	—	—
		At no School or Institution ...	—	—	—
	Suffering from epilepsy which is not severe.	Attending Public Elementary Schools .....	1	1	2
		At no School or Institution ...	—	—	—
Physically Defective.	Infectious pulmonary and glandular tuberculosis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board .....	1	2	3
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	3	3
	Non-infectious but active pulmonary and glandular tuberculosis.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board .....	—	—	—
		At Certified Residential Open-Air Schools .....	—	—	—
		At Certified Day Open-Air Schools .....	—	—	—
		At Public Elementary Schools...	—	—	—
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	—	—
	Pulmonary and glandular tuberculosis "arrested" and non-infectious.	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board .....	1	—	1
		At Certified Residential Open-Air Schools .....	—	—	—
		At Certified Day Open-Air Schools .....	—	—	—
		At Public Elementary Schools...	1	6	7
		At other Institutions .....	—	—	—
		At no School or Institution ...	2	—	2

TABLE III.—Continued.

			Boys.	Girls.	Total.
Physically Defective.	Delicate children (e.g., pre- or latent tuberculosis, malnutrition, debility, anæmia, etc.)	At Certified Residential Open-Air Schools.....	1	2	3
		At Certified Day Open-Air Schools .....	—	—	—
		At Public Elementary Schools .....	2	1	3
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	—	—
	Active non-pulmonary Tuberculosis.	At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board .....	—	—	—
		At Public Elementary Schools .....	3	1	4
		At other Institutions .....	3	3	6
		At no School or Institution ...	7	6	13
	Non-pulmonary Tuberculosis "arrested."	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board .....	—	—	—
		At Certified Residential Open-Air Schools .....	—	—	—
		At Certified Day Open-Air Schools .....	—	—	—
		At Public Elementary Schools .....	9	6	15
		At other Institutions .....	—	—	—
		At no School or Institution ...	3	2	5
	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, &c., and including those with severe heart disease.	At Certified Hospital Schools...	—	—	—
		At Certified Residential Cripple Schools .....	—	—	—
		At Certified Day Cripple Schools .....	—	—	—
		At Public Elementary Schools .....	9	12	21
		At other Institutions .....	—	—	—
		At no School or Institution ...	—	2	2

**TABLE IV. Return of Defects Treated during the Year ended 31st December, 1923.**  
TREATMENT TABLE.

GROUP I.—MINOR AILMENTS (EXCLUDING UNCLEANLINESS, FOR WHICH SEE GROUP V.)

Disease or Defect.	NUMBER OF DEFECTS.												
	REFERRED FOR TREATMENT.			RESULTS OF TREATMENT.					No. of defects for which no report is available.	No. of defects for which treatment was refused.	Left School or Town.	Still on Books.	Percentage of defects treated.
				REMEDIED.			No. of defects Un- treated.	No. of defects treated.					
	From previous Year.	1923 Cases.	Total.	Under the Authority's Scheme—Clinic.	Other- wise.								
SKIN—													
Ringworm—Scalp .....	16	61	77	63	4	9	—	76	—	1	9	98.7	97.9
Ringworm—Body .....	1	20	21	17	2	2	—	21	—	—	2	100.0	100.0
Scabies .....	4	23	27	21	2	4	—	27	—	—	4	100.0	94.6
Impetigo .....	6	152	158	157	1	—	—	158	—	—	—	100.0	100.0
Other Skin Disease .....	—	386	386	386	—	—	—	386	—	—	—	100.0	100.0
MINOR EYE DEFECTS			See Group II.										
MINOR EAR DEFECTS													
Hearing .....	11	314	325	234	28	—	—	262	45	7	52	80.6	91.2
Otorrhœa .....	3	77	80	74	2	—	—	76	3	—	3	95.0	92.6
Otitis Media .....	—	3	3	1	—	—	—	1	1	1	2	33.3	—
MISCELLANEOUS .....	—	110	110	110	—	—	—	110	—	—	—	100.0	100.0
(c.g., minor injuries, bruises, sores, chil- blains, etc.)													
TOTAL .....	40	1146	1187	1063	39	15	—	1117	49	8	72	94.1	95.9







#### GROUP IV.—DENTAL DEFECTS.

(1) Number of Children who were :—

(a) Inspected by the Dentist :

Aged :

Routine age groups	5	.....		} Total—4358.
	6	.....	443	
	7	.....	538	
	8	.....	601	
	9	.....	563	
	10	.....	606	
	11	.....	552	
	12	.....	498	
	13	.....	491	
	14	.....	62	
	Other ages	.....	4	

Specials ..... 162

Grand Total .....4520

(b) Found to require treatment .....3408

(c) Actually treated .....2000

(2) Half-days devoted to { Inspection ..... 31 } Total ..... 348  
   { Treatment ..... 317 }

(3) Attendances made by children for treatment ..... 3322

(4) Fillings { Permanent teeth .....1168 } Total ..... 1549  
                   { Temporary teeth ..... 381 }

(5) Extractions { Permanent teeth ..... 369 } Total ..... 4471  
                   { Temporary teeth .....4102 }

(6) Administrations of general anæsthetics for extractions ..... Nil.

(7) Other operations ..... 715

Secondary School children are also treated on the half-days mentioned above, but a separate table is given in the body of the report with respect to the Secondary School Dental Work.

#### GROUP V.—UNCLEANLINESS AND VERMINOUS CONDITIONS. (See Page 19).



